

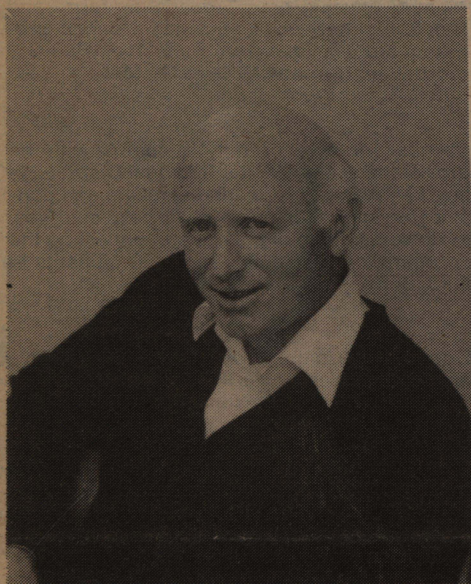


the Ring

University of Victoria

Volume 10, Number 27, October 26, 1984

UVic physicist played vital role in Nobel research



Astbury

A UVic physicist, Dr. Alan Astbury, played a key role in research into the basic forces of nature that has resulted

in a Nobel Prize in Physics for Italian scientist Carlo Rubbia.

Rubbia, a physics professor at Harvard University, and Simon Van der Mer who worked on the design of the equipment used in the research, were named joint winners of the Nobel Prize last week.

Astbury was the co-spokesman or deputy director of Rubbia's 150-scientist team that used a giant atom-smashing machine to prove the existence of the subatomic W and Z particles, sought by physicists for the past 50 years.

The discovery helps to solve the mystery of the four forces believed to hold together all the matter in the universe. The forces are electromagnetism, gravity, the strong force that holds atoms together and the weak force which controls radioactive decay.

Discovery of the W and Z particles validated a theory unifying electromagnetism and the so-called weak nuclear force. The Geneva experiments help prove that three of the four primary forces of nature are bound together, helped by minute particles of matter called the W and Z particles.

Gravity, the fourth force, has yet to be

fitted into the theory.

The search for a unified theory of the way that the fundamental forces of nature interact, may seem to be of academic interest only, but the same could be said of the original 19th Century theory linking electricity and magnetism which opened the way to today's electronic civilization.

The series of experiments that led to the Nobel Prize were carried out in 1982 at the European Laboratory for Particle Physics (CERN) in Geneva, Switzerland and involved six years of work by the scientists led by Rubbia and Astbury. Astbury returns to Victoria today after 10 days in Geneva.

In July of 1983, Astbury joined the faculty of UVic as the R.M. Pearce Professor of Physics. The professorship honors the memory of Dr. R. Michael Pearce, former chairman of the Physics Department.

"We were all aware of the outstanding nature of Dr. Astbury's work," said UVic President Dr. Howard Petch. "He's recognized by physicists as being absolutely outstanding in his field."

There are 26 UVic scientists including Astbury who travel regularly to Van-

couver for experiments at the TRIUMF particle accelerator, operated by four western Canadian universities including UVic. One of the factors that led to Astbury's move to UVic was the TRIUMF facility which conducts research of a similar nature to the research at the larger CERN facility.

"Dr. Astbury is a man of great accomplishments in physics," said TRIUMF director Dr. Erich Vogt at the time of Astbury's UVic appointment. "His is likely the most important appointment ever made in connection with the TRIUMF project."

Astbury has been directly associated with TRIUMF since 1976 as a member of the experiments evaluation committee and is playing an important role in the future direction of the facility. He is hoping to see the TRIUMF cyclotron upgraded and expanded.

Another UVic scientist, Dr. Richard Keeler, was also on the team that carried out the CERN experiments. In 1983, Keeler accepted a three-year Natural Sciences and Engineering Research Council (NSERC) research fellowship at UVic.

Rowers add to lustre

UVic rowers were prominent in the prestigious Head of the Charles Regatta Oct. 20 and 21 in Cambridge, Mass.

The Canadian Olympic gold medal heavyweight eight crew won the 20th annual classic, ending the U.S. Naval Academy's domination of the event. Also defeating the Naval Academy was the UVic Rowing Club's eight which finished second to the Olympic rowers.

Dean Crawford, Grant Main and Kevin Neufeld of UVic rowed for the Canadian winners in the event. In the UVic eights were David Ross, Tim Christian, John Ossowski, Don Telfer, Steve Whicher, Howie Campbell, Nick Toulmin, Eric Kovitz and cox Paul Tessier.

Former UVic rowers Janice Mason and Lisa Roy, competing at the regatta for the Victoria City Rowing Club, won the women's double event, ahead of the Riverside Rowing Club of Philadelphia.

The UVic's women's four with cox, made up of Joanie Storm, Lisa Robertson, Gill Saxby, Carla Pace and cox Laura Michelson finished fourth in another event while UVic students Marilyn Campbell and Barb Ambrust finished second while rowing with the St. Catherine's Rowing Club team.

Former UVic rower Andrea Schreiner of Victoria finished sixth in a field of 40 in the women's single sculls event and the UVic eights was 11th of 40 boats.

Actors, dancers, singers wanted

The Faculty of Education, in cooperation with the Department of Theatre, will be holding auditions for the spring musical *Tintypes*, which will be produced by the Music Theatre Workshop.

The show is a turn-of-the-century revue covering the period from 1890 through 1910.

The workshop is looking for competent singers, dancers and actors to play both principal and chorus roles. Auditions will be held in the Phoenix Building Nov. 3, 4 and (possibly) 5. Six to ten principals and a 16-to-20-member dancing and

singing chorus are needed.

All interested persons are encouraged to seek further information on the bulletin board near MacLaurin A161 or near the dressing rooms in the Phoenix Building.

The production will be staged in the Roger Bishop Theatre of the Phoenix Building, Feb. 28 through March 9.

Stage direction is by Prof. John Krich of the Department of Theatre, musical direction by Dr. Dale McIntosh of the Department of Art and Music Education and choreography is by Sherry Black.

Athletes hold huge homecoming

They are calling it the largest sporting social event in UVic's 21-year history, and everybody is invited.

The Athletics and Recreation Department's "Alumni Oktoberfest Homecoming Weekend" kicks off tonight with an alumni banquet and dance, beginning at 7:30 p.m.

It winds up Sunday with current Vikes' coaches serving a pancake breakfast in the Old Gym from 9 to 11 a.m. and rowing events at Elk Lake featuring the UVic rowers, alumni and a media-celebrity contest.

Saturday, Oct. 27, is the big day, with a beer garden open in the Old Gym from 11 a.m. to 7 p.m. and a wide variety of sporting events for observers and participants.

"There is something for everyone," says Howard Kelsey, athletics co-ordinator. "There will be free aerobic sessions, recreational swimming and open squash courts."

Alumni teams will play current Vikes in sports ranging from soccer to swimming, field hockey, volleyball, rugby and basketball. All the day's activities are free except for the basketball games on the evening of Oct. 27. There are free oldtimers' basketball games in the afternoon, but games at 6:30 p.m. and 8 p.m. featuring current Vikette and Vikings teams against recent alumni will carry an admission price of \$4 for adults, \$3 for students and \$1 for children under 12 years of age.

There is also an Oktoberfest Dance Sept. 27 in the Old Gym, with those over 19 who buy a basketball ticket getting a \$1.50 reduction on the \$5 dance ticket.

There will be a cross-country fun run open to the public, starting from Centennial Stadium and a demonstration of field hockey by the Vikettes, reigning champions of the Canada West University Athletic Association (CWUAA).

Those attending will also have an opportunity to watch a regular CWUAA soccer match between the Vikings and the University of Alberta Sept. 27 at 2:15 p.m. at Centennial Stadium.

Conference seeks solutions to Victoria's sagging economy

"The Victoria region has experienced significant erosion in its economic base in the last three years. It is not yet possible to determine whether or not this decline represents a structural decline, or is simply a reflection of the fact that Victoria is also vulnerable to changes in the level of economic activity in the province."

The above introduces the program for *Economic Directions for Victoria*, a conference to examine the current economic situation, sponsored by UVic and **Monday Magazine**, to be held at the Empress Hotel Nov. 2 and 3.

The conference is designed to promote dialogue between business, government and academics on three major themes affecting the Victoria region:

- institutional structures required for economic development, or the role which financing, entrepreneurial talent, technical information and the senior and local governments play in encouragement of new firms.
- new directions for local economic development, an examination of the possibility that technologically sophisticated and/or the artistic and cultural industries can generate local income and wealth in the future.
- the importance of the tourism/hospitality sector in the economic growth of Victoria, and its management, financing and information needs.

Representatives from business, government and university in Victoria will participate in discussions on these central themes. "Institutional Structure Required for Economic Development" will be presented by Prof. William Tomlinson of the Faculty of Commerce and Business Administration at UBC. Responding to his comments will be Roger Lutz, CEO of West Coast Savings in Victoria; Ted Semmens, Principal, of Ernest and Whinney Chartered Accountants and Management Consultants of Victoria; Daniel Thomas MacDonald, chairman of the ad hoc committee on Victoria Plywood Co-op; and Bill Hazell, President of the Greater Victoria

Chamber of Commerce.

"New Directions for Local Economic Development" will be presented by Dr. Allan Cornford, assistant Deputy Minister for Science and Technology with the B.C. Ministry of Universities, Science and Communications. Responding to his comments will be Dr. Robert Durie, assistant Deputy Minister for Petroleum Resources with the B.C. Ministry of Energy, Mines and Petroleum Resources; Dr. Ian Barrodale, President of Barrodale Computing Services Ltd. of Victoria; Doug Keen, President of D.H. Keen and Associates Ltd. of Victoria; Fran Willis and Michael Cullen, Principals of North Park Studio of Victoria; and David Saxby, President and CEO of Discovery Parks Inc. of Vancouver, B.C.

"The Role of the Tourism/Hospitality Sector in the Economic Growth of Victoria" will be presented by Dr. Peter Murphy of the Department of Geography at UVic. Responding to his comments will be Terry Redman, General Manager of Whistler Resort Association, B.C.; Virginia Green, Assistant Deputy Minister of Marketing with the B.C. Ministry of Tourism; and Ken King, Director of Sales and Marketing with Park Pacific Hotels of Victoria.

Keynote address at the conference will be delivered by Dr. Mancur Olson, distinguished Professor of Economics at the University of Maryland and author of *The Logic of Collective Action* and *The Rise and Decline of Nations*, on the evening of Nov. 2 at the Empress.

Ken Stratford, corporate program analyst with the B.C. Ferry Corporation, will discuss "The Way Ahead for Victoria" and closing remarks will be delivered by UVic President Dr. Howard Petch.

Registration fees for the full conference is \$50, and for the Nov. 2 banquet only, \$20.

For further information, and detailed program information, contact UVic conference officer Mary Ransberry at University Extension and Community Relations, 721-8465.

GREAT news

The deadline for 1985 applications for Graduate Research, Engineering and Technology (GREAT) grants from the Science Council of British Columbia is Jan. 25.

The GREAT grants have been increased by \$500, to \$12,000 for 1985-86.

The program is designed to encourage students to conduct at least part of the research required for post-graduate degrees in an off-campus environment. Students, professors and private companies can obtain further information and applications forms from the Science Council of B.C., Suite 100, 3700 Gilmore Way, Burnaby, B.C. V5G 4M1.

Results of the 1985 competition will be announced early in April and the grants will take effect May 1.

The Ring is published every Friday during Winter Session. Letters to the editor will be published if signed and without libellous content. Letters are subject to editing to meet space requirements. Material contained in **the Ring** can be reprinted or broadcast freely without permission. Credit is not necessary but would be appreciated.

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Ringers

The Alma Mater Society (AMS) holds its Annual General Meeting Oct. 31 at 12:30 p.m. in the SUB Theatre. Included on the agenda are reports by the president and vice-president finance. All members of the AMS are eligible to attend and vote. At least 100 students are needed to make up a quorum for the meeting to proceed.

H.F. Herbert, past president of the Horticulture Centre of the Pacific, is the guest speaker Oct. 29 in the lecture series sponsored by the University Extension Association of Victoria. Herbert will speak on "The Promise of Victoria's Pacific Rim Demonstration Garden" in Room 159 of the Begbie Building at 8:15 p.m. Admission is \$1 per lecture or \$5 for the remaining seven lectures in the series. Students are admitted free. **Dr. Alan Gowans** of the Department of History in Art will speak on "The Comfortable House" Nov. 26 in the fifth lecture in the series. All lectures are held in the Begbie Building.

A concert by **Dan Rubin** whose music includes a strong reference to environmental concerns, is scheduled for Nov. 1 at 8:30 p.m. in Room A144 of the MacLaurin Building as part of a three-day conference on Pacific Northwest environmental issues. The concert is sponsored by UVic's Environmental Studies Program, a co-sponsor of the conference with the Northwest Association of Environmental Studies, the B.C. Ministry of Environment and Environment Canada. Rubin, a songwriter and instrumentalist, has travelled throughout B.C., Alberta, the Yukon and the American Pacific Northwest and has released three albums of original music. He presents a variety of styles from blues and traditional folk music to ballads and dance tunes. Tickets to the concert are \$3 at the door. More information on the concert and the conference Nov. 1 to 3, is available from University Extension.

Dr. John Dewey, Dean of Graduate Studies; **Dr. John Jackson**, Dean of Education; **Dr. Ted Owen**, Co-ordinator of the UVic-East China Normal University (ECNU), Shanghai, Educational Research Project; **Dr. Wes Shera**, School of Social Work and **Sharon Alexander**, Education Extension, are at ECNU from Oct. 15 to 29, to present papers, conduct seminars and plan future research work and exchanges.

In our report in the Oct. 12 edition of **the Ring** on the English Department's Writing Clinic (Need Writing Help?), we referred to the supervisor of the clinic as **Dr. John Mitchell**. We erred. The supervisor of the clinic is **Dr. Judith Mitchell** of the English Department. The clinic, which offers assistance to students with writing problems, in Room D331 of the Clearihue Building, has expanded its hours of operation and is now open Monday through Wednesday from 12 to 3 p.m. and from 5 to 7 p.m. It is open Thursday from 10 a.m. to 1 p.m. and from 5 to 7 p.m. Friday it is open from 12 to 5 p.m. and it is open from 10 a.m. to 3 p.m. Saturday. Students may phone for an appointment by calling 721-7277, make their own appointments by signing the time sheet posted outside the door of the clinic, or simply drop in.

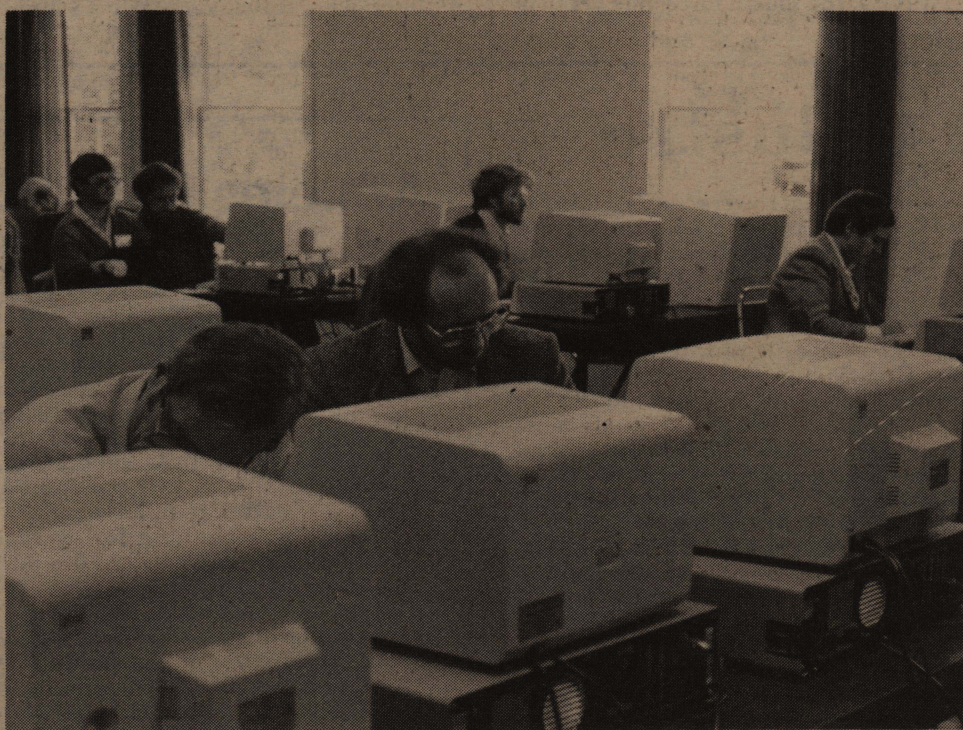
Faculty members with bright ideas and a need for research funding have until Nov. 2 to apply for a grant from the Science Council of B.C. in the current competition. The Council makes grants to companies, research institutes, university scientists and individuals seeking to apply specific scientific skills to development of new systems and products or the improvement of existing ones. Application forms and brochures describing Science Council programs are available from Suite 100, 3700 Gilmore Way, Burnaby, B.C. V5G 4M1.

In order for the university to comply with the provisions of the Capital Regional District By-law 1247, signs designating smoking and non-smoking spaces on campus will be posted Nov. 1. University administrators are requesting the co-operation of faculty, staff and students in abiding by the signs.

Does anyone in the university community have any suggestions for worthy candidates for UVic degrees? The Senate committee on honorary degrees and other forms of recognition would like to hear from you. **Dr. J.A. Burke** (Physics), chairman of the committee, explains the criteria for choosing recipients of honorary degrees at Convocation ceremonies. "An honorary degree may be granted by UVic to a candidate who has a record of distinction and achievement in scholarship, research, teaching, the creative arts and/or public service." Candidates can be recommended from any place and of any nationality, but Burke suggests that people might consider those in their field of endeavor, those that have or have had some connection with British Columbia, and people of minority or little recognized groups which might otherwise escape the committee's consideration. Any information or supporting documentation about the achievements of suggested candidates would be helpful. Suggestions should be sent in care of Registrar **Ron Ferry**, secretary of the Senate, in the Sedgewick Building.

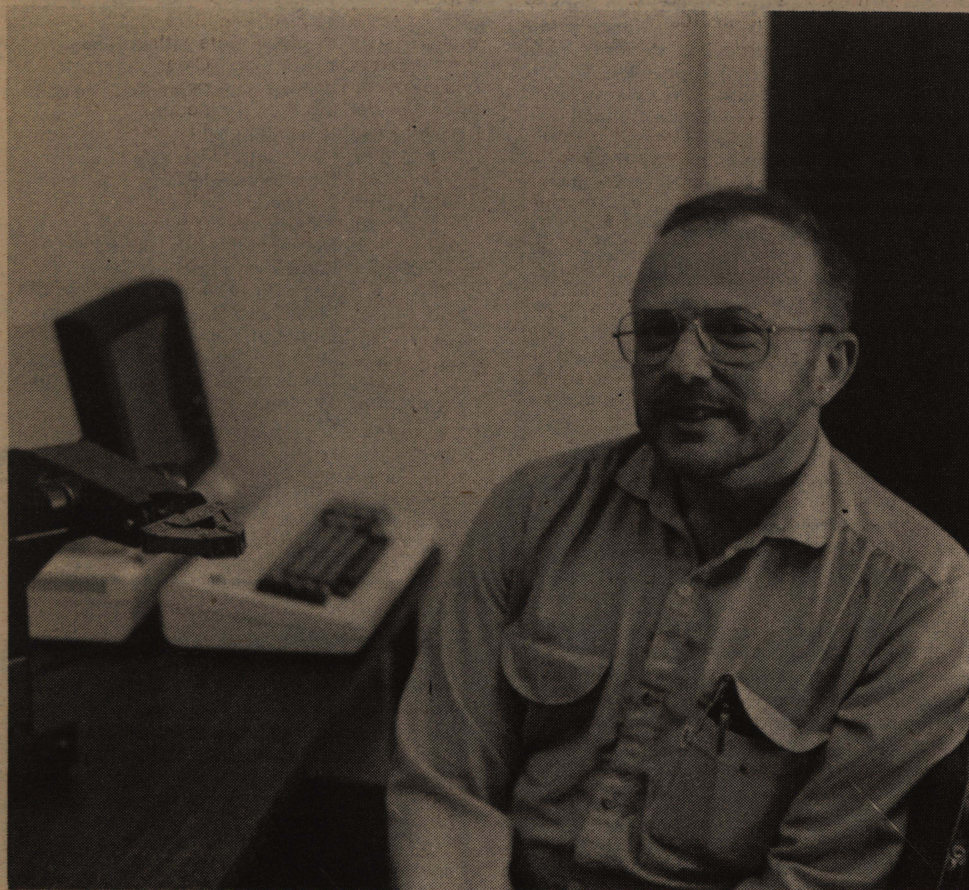
According to the official headcount by the office of Institutional Analysis, UVic is down in undergraduate student enrolment by 4.3 per cent from one year ago. There are 9,821 undergrads this year, compared to 10,267 in 1983. Full-time enrolment is down by only 1.5 per cent, but there is a decline of 10.1 per cent in part-time enrolment. There are 6,768 full-time students and 3,053 part-time students enrolled this year. UVic has 446 fewer undergrads this year than last, despite adding 112 students in the Faculty of Engineering for the first time. Most of the decline is in the Faculty of Arts and Science where there are 516 fewer students than in 1983.

Professors in UVic's English Department have been busy with a variety of recent academic activities. **Dr. E.I. Berry**, chairman of the department, has a new book, *Shakespeare's Comic Rites*, coming out from Cambridge University Press in November. **Dr. T.R. Cleary** has recently published a book, *Henry Fielding: Political Writer*, with Wilfred Laurier University Press. He also co-authored an article with **Dr. T.G. Sherwood** on Conrad's "Heart of Darkness" in the journal *Conradiana*. **Dr. V.A. Neufeldt** was elected president of the Victorian Studies Association of Western Canada at the association's annual conference in September. **Dr. A.S.G. Edwards** spoke at the International congress of the Chaucer Society at the University of York and organized and chaired a session on editing Chaucer. **Dr. R.C. Terry**, currently on leave from UVic, recently attended the Victorian Studies Association of Western Canada meeting at the University of Alberta.



Law professors from across Canada and the United States met at UVic last week for a three-day workshop in the use of computers for legal education sponsored by the UVic Faculty of Law. By special arrangement the workshop was held in the new Software Engineering Laboratory at UVic, at the site of the former Faculty Club. "The facilities are superb, outstanding," reports John Kilcoyne, workshop co-ordinator and member of the UVic Law Faculty. The 25 law professors attending the workshop were tutored in the use of an authoring language for legal education developed out of a joint project conducted by Harvard University and the University of Minnesota for the Centre for Computer-Assisted Legal Instruction in the United States. The UVic Law Faculty is a member of the Canadian branch of CCALI, and is becoming a leader in the use of computers for legal education in Canada, says Kilcoyne. The workshop at UVic was a success, with all participants able to put together a program which was up and running by the end of the three-day session, he reports. Assisting at the workshop were Dr. Walter Muir and Dr. Betty Collis of the UVic Faculty of Education and Marilyn Gore, programming manager with the Software Engineering/Education Co-operative Project.

UVic-IBM project holds open house



Parnas: software engineering expert

By Donna Danylchuk

An Open House for the new Software Engineering Laboratory at UVic will be held Oct. 30 from 10:30 a.m. to 4:30 p.m. for interested members of the community as well as faculty members, students and staff.

The new laboratory has been created at the site of the former Faculty Club in E Building, to house the IBM-UVic Software Engineering/Education Co-operative project.

The official opening of the Software Engineering Laboratory—the first laboratory of its kind in western Canada—will be held the following day, Oct. 31, at 2 p.m.

During the Oct. 30 Open House, tours will be conducted starting at 10:30 a.m.

and 12:30 p.m., to enable visitors to ask questions and view the equipment given to UVic by IBM Canada Ltd. under the terms of the UVic-IBM agreement signed in July, 1983.

At the official opening Oct. 31, speakers will include UVic President Dr. Howard Petch; A.E. Klopfer, Vice President for the Western Region, IBM; Dr. Jerry Mussio, Executive Director, School Programs, with the British Columbia Ministry of Education; Dr. David Parnas, Project Leader for the UVic Department of Computer Science; and Dr. Walter Muir of the UVic Faculty of Education.

The major thrust of the UVic-IBM agreement is to develop highly versatile educational software for use in British Columbia from Kindergarten to Grade

12, using advanced software engineering concepts.

The B.C. Ministry of Education is involved in the project, providing guidance in developing applications of the research results to the school curriculum.

The project's principal investigators at UVic are Parnas, Muir, and Dr. Jon Muzio, chairman of the Computer Science Department.

The project's long-term objectives are:

- to develop and refine software engineering principles;
- to improve the level of software engineering skills of UVic students;
- to apply software engineering principles and skills of UVic students to provide software that enhances the learning of students in Grades Kindergarten to 12;
- to combine IBM's knowledge, expertise and products with the skills of the UVic faculty, in the development of software engineering concepts and design of educational software;
- to share the discoveries and developments of the project with educators and others interested in the development of software that will be in the public domain.

Installed in the software lab now are 25 personal computers and 12 computer terminals, donated to UVic by IBM. The computer terminals, now temporarily connected to the university's host computer, will soon be connected into an IBM 4331 computer that forms part of the equipment supplied by IBM.

The approximate total value of the equipment and expertise given to the project by IBM is \$1 million.

"We are just getting started, but we have a well developed set of plans," says Parnas, one of the leaders in the field of software engineering. He predicts that the creation of this lab at UVic will be a factor in attracting high technology computer enterprises to the Victoria area in future.

"The secret of attracting high technology industry is the availability of well-educated students who have had ample opportunity to work with computing equipment and use it in creative ways," says Parnas.

"Such students have formed the core of high technology industries in the United States. This lab now will help to

make that possible in Victoria."

Among Parnas' interests is educating students to be software engineers who can design computer programs that are robust (not easily broken), reliable, resilient, are modular (can be improved and changed year after year without having to be completely redesigned), and portable (can be used with different hardware and in different computer systems).

The principles of modularity and portability are very important in the new field of software engineering, says Parnas.

Most computer software now lacks the modularity found for example in car models and television sets, which make it possible for major improvements to be made to the designs without a complete redesign of the original model, he explains.

To develop modularity in computer programs will require the talent of students well-trained in the principles of mathematics and engineering, who can design new computer software, then test their theories through rigorous practical applications.

"There are very few programmers in the computer field now who have both rigorous theoretical and practical backgrounds. This is very highly disciplined and applied education," he says.

Muzio says a long-range goal of the project is to have graduate students from the Faculty of Education and Department of Computer Science working together on projects to combine the theories of software engineering with sound educational practices.

"Our long-range goal is to improve the quality of educational software in schools, bringing to bear modern techniques of design."

Muir, and Dr. Betty Collis, also of the Education Faculty, are preparing to test current educational software using the lab facilities, as well as contribute to development of new materials.

They have been collaborating with the B.C. Ministry of Education in forming criteria for evaluating computer educational software.

Muir and Collis will be developing new ideas and ways to use computers in schools, and are working on procedures to facilitate use of the educational software developed by the IBM project.

Profs produce critical book on B.C. restraint program

Five UVic professors are editors of a new book of critical essays on the restraint program in British Columbia.

The New Reality: The Politics of Restraint in British Columbia has just been published by New Star Books of Vancouver and will be available at the UVic Bookstore and other outlets.

The book contains 16 essays by academics and researchers at UVic, Camosun College, University of British Columbia, Simon Fraser University and elsewhere.

Editors of the book are Dr. Warren Magnusson (Political Science), Dr. William Carroll (Sociology), Dr. Charles Doyle (English), Dr. Monika Langer (Philosophy) and Dr. R.B. Walker (Political Science).

Magnusson, chairman of the editorial committee, explains how the project started.

"It originated with the strikes of last November," he says. "A number of us who were sympathetic to Solidarity and critical of

the actions of the provincial government asked faculty and staff to sign a statement of concern.

"While 150 faculty and staff members signed the statement, the whole issue was settled before we could take further action. Those of us involved in the activity felt there was still a need for a careful, critical, scholarly analysis of the restraint program and its impact."

In December of 1983, the Committee on Alternatives for British Columbia was formed at a meeting of faculty and professional staff at UVic. The participants appointed a five-person steering committee which devoted itself to one major project, the book of critical essays.

The majority of the essays are written by UVic professors.

The book is divided into four parts. The first part deals with the political economy of restraint with essays by Dr. Patricia Marchak of the Department of Sociol-

ogy at the University of British Columbia, Dr. John Schofield (Economics), John Malcolmson, research analyst for the B.C. Teachers' Federation and doctoral student in sociology at SFU, and Drs. William Schworm and Gideon Rosenbluth of the Department of Economics at UBC.

The second part concentrates on a political analysis of restraint, with essays by Carroll, Dr. Jeremy Wilson (Political Science) and Dr. Philip Resnick of the Department of Political Science at UBC.

Specific rights which the authors feel are under attack are dealt with in the third part of the book, with essays by Dr. Norman Ruff (Political Science), Prof. Murray Rankin (Law), Stella Lord, a doctoral student at Carleton University and an active member of the Victoria Status of Women Action Group, freelance writer Stan Persky and New Star publisher Lanny Beckman.

Specific services under attack are dealt with in the fourth section, with essays by Carroll, Doyle and Noel Schacter of the Department of Sociology at Camosun College, Dr. Marilyn Callahan (Social Work), Dr. Gordon Shrimpton, chairman of UVic's Department of Hispanic Studies, and Magnusson and Langer.

Magnusson says the book is the first major project but there will be others. "The committee was established to provide a vehicle for research, education and political action," he says. "More work will come out of this group."

The Committee on Alternatives for British Columbia held a planning meeting Oct. 25. Among ideas discussed were a conference on "alternatives to neo-conservatism", and the preparation of a brief to the Solidarity Coalition's People's Commission for Policy Alternatives which will be holding hearings in Victoria in December.

Friday, October 26th.

Maltwood Art Museum and Gallery. *Joe Plaskett: A Retrospective from Local Collections.* Continues until Nov. 11. Gallery hours are 10 a.m. to 4 p.m. Monday to Friday, 12 noon to 4 p.m. Sunday, and during evening events at the University Centre Auditorium. McPherson Library Gallery. *Recent Work by George Gaudette* (Visual Arts). Continues until Nov. 3. Library hours are 8 a.m. to 11 p.m. Monday to Thursday, 8 a.m. to 6 p.m. Friday, 10 a.m. to 6 p.m. Saturday, 10 a.m. to 10 p.m. Sunday.

The Dept. of Athletics and Recreational Services presents *The Alumni Oktoberfest Homecoming Weekend*, with all UVic varsity athletic teams taking on their respective alumni. Other weekend activities include a fun run, and free access to aerobic sessions, recreational swimming and open squash courts. For further details, contact Athletics and Recreation (721-8406), MCKI GYM.

12:30 p.m. Fridaymusic (Percussion). Free noonhour recital featuring School of Music students. MUSIC BUILDING, RECITAL HALL.

2:30 p.m. The Dept. of Anthropology presents Dr. Charles Tolman (Psychology) speaking on "Psychology and Human Evolution." CORN A229. Seminar presented by the Dept. of Physics. Dr. Jim Gower, Institute of Ocean Sciences, will speak on "Imaging of Ocean Colour." ELLI 061.

3:30 p.m. Second Language Learning and Teaching Workshop Series. Bruce M. Watson, Head, Night School Division, Vancouver Community College, will present a session on "Drawing in the Classroom and Picture Stories" based on his books. Sponsored by the Dept. of Linguistics and University Extension. CLER C112. Faculty of Graduate Studies meets. CORN B108.

4:00 p.m. Soccer game. UVic Vikings vs. Saskatchewan. Centennial Stadium.

7:15 p.m. Alumni Banquet and Dance, presented as part of the Vikes Oktoberfest Homecoming Weekend. Tickets are \$15 single; \$28 couple. COMMONS BLOCK. For tickets and further details, contact Athletics and Recreation, MCKI GYM.

7:15 p.m. Cinecenta films. *Koyaanisqatsi*. & Admission charge. SUB Theatre.

9:00 p.m.

Saturday, October 27th.

2:15 p.m. Soccer game. UVic Vikings vs. Alberta. Centennial Stadium.

7:15 p.m. Cinecenta films. *Koyaanisqatsi*. & Admission charge. SUB Theatre.

9:00 p.m.

8:00 p.m. Laurie-Jeanne Lister, School of Music, will speak on "Brahms' Independent Variations." No admission charge. MUSIC BUILDING, RECITAL HALL.

9:00 p.m. Oktoberfest Dance, featuring to Duke and the Ducktails, presented as part of the Vikes Oktoberfest Homecoming Weekend. Admission charge. OLD GYM.

Sunday, October 28th.

9:00 a.m. Pancake Breakfast, presented as to part of the Vikes Oktoberfest Homecoming Weekend, with Vikes' coaches serving breakfast for only \$2. OLD GYM.

1:00 p.m. Weekly Sunday matinees presented by UVic Daycare Services. &

3:00 p.m. *The Rescuers*. Tickets are \$1.50 for Children and Students; \$2.50 general admission. SUB Theatre.

2:00 p.m. The Four Seasons Musical Theatre presents *Monster Madness*. Tickets available at the door. University Centre Auditorium.

2:30 p.m. Rugby game. UVic Vikings vs. Pocono. McCoy Road Field.

2:45 p.m. Mature Students' Association meeting and Pot Luck Social. Bring a salad, main course or dessert. SUB Upper Lounge.

Monday, October 29th.

10:30 a.m. Graduate seminar. Dr. Cyril Leung, Dept. of Electrical Engin-

earing, UBC, will speak on Recent Approaches to Data Encryption." LHUT 74.

7:00 p.m. AMS Board of Directors meeting. SUB Upper Lounge.

7:15 p.m. Cinecenta films. *An Evening of German Experimental Films*. Admission charge. SUB Theatre.

8:00 p.m. School of Music Faculty Recital, featuring Louis Ranger (trumpet) and Bruce Vogt (piano). Tickets are \$4; \$2 for Students, Senior Citizens and the Disabled. MUSIC BUILDING, RECITAL HALL.

8:15 p.m. The University Extension Association Program presents H.F. Herbert, past president, Horticulture Centre of the Pacific, speaking on "The Promise of Victoria's Pacific Rim Demonstration Garden." \$5 admission for the series (7 remaining lectures or \$1 per lecture at the door. Students free. BEGB 159.

Tuesday, October 30th.

7:30 p.m. The Linguistics Circle presents Dr. T.E. Hukari (Linguistics) speaking on "Reanalysis and Case." CLER C305.

8:00 p.m. RASC Victoria Centre presents Dr. Sidney van den Bergh, Director, Dominion Astrophysical Observatory, speaking on "The Age and Size of the Universe." ELLI 168.

Wednesday, October 31st.

HALLOWE'EN. Last day for withdrawing from first term courses without penalty of failure. All forms must be deposited by 4 p.m. today at Records Services (undergraduates) or Faculty of Graduate Studies (graduates).

7:15 p.m. Cinecenta films. *The Ballad of Gregorio Cortez*. In Spanish and English. Admission charge. SUB Theatre.

9:15 p.m.

8:00 p.m. School of Music Guest Artist—Trio de Milano. Tickets are \$5; \$3 for Students, Senior Citizens and the Disabled. MUSIC BUILDING, RECITAL HALL.

Thursday, November 1st.

Across the Border: Transboundary Environmental Issues in the Pacific Northwest—the third annual conference of the Northwest Association for Environmental Studies (NWAES). Presented by NWAES, Min. of Environment, Environment Canada, and Environmental Studies. Continues until Nov. 3. For further details, contact University Extension.

7:00 p.m. to *The Thursday Thing*—A Series of Readings by Writers arranged by the Creative Writing Dept. Guest writer tonight: Stephen Scobie, Governor-General's Award Winner for 1980, *McAlmon's Chinese Opera*. No admission charge. CLER A311.

7:15 p.m. *Heart Like A Wheel*. Admission charge. SUB Theatre.

9:00 p.m.

8:30 p.m. Dan Rubin in concert. Tickets are \$3. MACL A144.

Friday, November 2nd.

12:30 p.m. Fridaymusic (Woodwinds). Free noonhour recital featuring School of Music students. MUSIC BUILDING, RECITAL HALL.

2:30 p.m. Seminar presented by the Dept. of Physics. Dr. Lawrence Mysak, UBC, will speak on "El Nino: International Variability and Fisheries in the N.E. Pacific." ELLI 061.

3:30 p.m. Faculty Association meets. CORN A121.

7:15 p.m. Cinecenta films. *Never Cry Wolf*. & Admission charge. SUB Theatre.

9:15 p.m.

8:00 p.m. Chamber Music II—(Dinner Music concert) with School of Music performance faculty. Tickets are \$4; \$2 for Students, Senior Citizens and the Disabled. MUSIC BUILDING, RECITAL HALL. Civic Orchestra and the Conservatory of Music Concerto Concert. Admission by donation (for scholarships for School of Music and Conservatory of Music). University Centre Auditorium.

Saturday, November 3rd.

7:15 p.m. Cinecenta films. *Breathless*. & Admission charge. SUB Theatre.

9:15 p.m.

8:00 p.m. University of Victoria Orchestra—

George Corwin, conductor. No admission charge. University Centre Auditorium.

Sunday, November 4th.

1:00 p.m. Weekly Sunday matinees presented by UVic Daycare Services. &

3:00 p.m. *Never Cry Wolf*. Tickets are \$1.50 for Children and Students; \$2.50 general admission. SUB Theatre.

2:15 p.m. Soccer game. UVic Vikings vs. Campbell River. Centennial Stadium.

7:00 p.m. Cinecenta films. *The Bounty*. & Admission charge. SUB Theatre.

9:30 p.m.

Monday, November 5th.

McPherson Library Gallery. *Retrospective—Gladys Ewan*. Continues until Nov. 19.

2:00 p.m. Faculty of Engineering meets. SEDG 011.

7:30 p.m. Cinecenta films. *The Bill Douglas Trilogy*. Admission charge. SUB Theatre.

Tuesday, November 6th.

10:00 a.m. Red Cross Blood Donor Clinic. to Continues daily until Nov. 9. SUB

4:00 p.m.

12:30 p.m. *Evolution: Computers Yesterday to and Today*—a presentation by the

There's still hope

Getting a little behind in essays, reading assignments and preparing for exams?

It's not too late to put those study habits in order, according to UVic's Counselling Services.

Counselling Services is offering a series of free, two-session workshops for students during the week of Oct. 29 to Nov. 2. There is a workshop that presents methods for improving reading and remembering and another that presents step-by-step systems for preparing research and critical essays.

A workshop on strategies for exam preparation, methods of decreasing exam anxiety and exam-writing hints will be presented. There is a workshop on managing time for study and leisure and a workshop on developing study aids to improve learning and memory.

Students can register for these workshops at the Counselling Services office on the second floor of University Centre.

Conversation program needs UVic volunteers

UVic students and staff are invited to join a program that will provide a service to international students at Camosun College and provide an opportunity to meet people from various parts of the world.

The Linguistics Department and Camosun College are sponsoring the program which will permit students taking English as a second language to meet regularly and informally with speakers of English for one-to-one conversations.

"It's the best way for international students to learn English," says Dr. John Esling, co-ordinator of the applied linguistics program at UVic.

Linguistics students will be available outside the Health Food Bar in the Student Union Building Oct. 29 to Nov. 2 from 12:30 to 1:30 p.m. with further infor-

Faculty criticizes salary settlement

In a letter to the Board of Governors (BOG), UVic's Faculty Association has expressed concern about the manner and amount of salary awards to faculty members for 1983-84 and 1984-85.

Association President Dr. William Pfaffenberger (Mathematics) sent a copy of a motion passed by the association in September to the Oct. 15 meeting of the BOG.

The motion stated that the association is "deeply troubled by the lack of across-the-board increments in 1983-84 and

1:30 p.m. Learning and Teaching Centre and the Computer Centre. Conference Room, AV&TV Services, McPherson Library. For confirmation of attendance, contact the Learning and Teaching Centre, BEGB 131.

1:30 p.m. The Dept. of English presents Prof. Lionel Adey (English) speaking on "Hopkins: The Dublin Years." CLER C110.

Wednesday, November 7th.

7:00 p.m. Cinecenta films. *Les Fleurs & Sauvages*. Subtitles. Admission charge. SUB Theatre.

9:30 p.m. Senate meets. Senate & Board Room, University Centre.

7:30 p.m.

8:00 p.m. Lansdowne Lecture Series. Dr. Gerard L. Knieter, Professor of Music and Dean of the College of Fine and Applied Arts, University of Akron and Adjunct Professor of Behavioural Sciences, College of Medicine, University of Akron, Akron, Ohio, will speak on "Creativity: An Intersection for the Arts, Humanities and Sciences." Free and open to the public. MACL A168.

Chinese scholar visits Education

A visiting scholar in the Faculty of Education is Prof. Zhang Pei-ji of the University of International Business and Economics in Beijing in the People's Republic of China.

Zhang, an acknowledged scholar in China, will be studying and consulting in the Faculty of Education until early January of 1985.

A professor of English, Zhang has written extensively on the problems of English-Chinese translation and his texts on the subject are widely used in China. He has also translated into English works by Chinese scholars. He is Editor-in-Chief of the Foreign Trade Education Publishing House in Beijing.

mation and sign-up sheets.

Times and places for meeting international students can be arranged according to mutual convenience. Anyone interested in joining the program can also leave their names and phone numbers at the Linguistics Department office in D341 of the Clearihue Building.

Esling explains that the one-to-one conversation program stems from a similar program at UVic during the summer when students from Japan were invited to visit the homes of students and staff who volunteered. "That program was very successful. We see this new program as providing a service primarily for international students at Camosun College. Of course, international students at UVic are also welcome to participate."

1984-85 salary awards to faculty and by the 33 per cent reduction in anticipated career progress increments in 1984-85, both of which further erode faculty salaries in times of inflation.

"The Faculty Association deplores the unilateral actions of the administration and the Board of Governors concerning the 1983-84 and 1984-85 salary awards to faculty."

The letter was received without comment at the open session of the BOG meeting.